

OEM-W-473-Water/1~2W

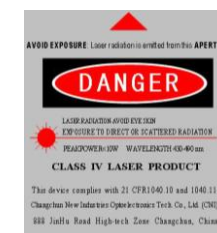
**LD PUMPED ALL-SOLID-STATE  
BLUE LASER**

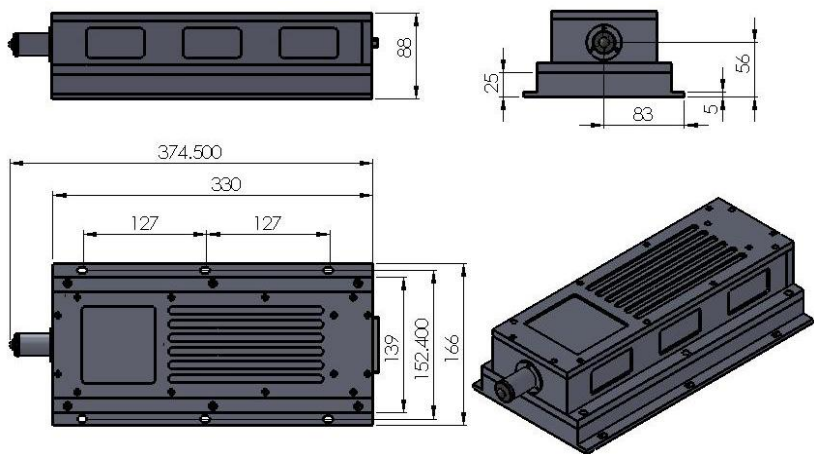
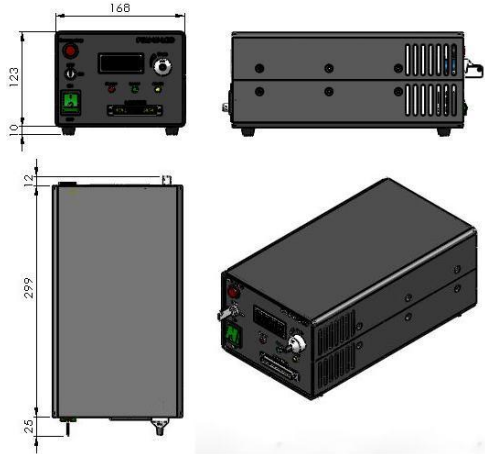

All solid state 473nm blue laser is made features of ultra compact, long lifetime and easy operating, which is used in fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.



**SPECIFICATIONS**

|  |  |
|--|--|
| Wavelength (nm)                                      | 473±1  |
| Operating mode                                       | CW   |
| Output power (W)                                     | >1, 1.1, ..., 2  |
| Power stability (rms, over 4 hours)                  | <1%, <2%, <3%, <5%   |
| Transverse mode                                      | TEM <sub>00</sub>  |
| M <sup>2</sup> factor                                | <1.5   |
| Beam divergence, full angle (mrad)                   | <1.0   |
| Beam diameter at the aperture (1/e <sup>2</sup> ,mm) | ~3.0   |
| Warm-up time (minutes)                               | <10  |
| Beam height from base plate (mm)                     | 56 (with water cooling plate)                                |
| Polarization ratio                                   | >50:1  |
| Cooled method  | Water Cooled   |
| Operating temperature (°C)                           | 10~35  |
| Power supply (90-264VAC)                             | PSU-W-LED  |
| TTL / Analog modulation                              | TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional |
| Expected lifetime (hours)                            | 10000  |
| Warranty period                                      | 1 year   |



| OEM-W-473  | PSU-W-LED  | Water Chiller (Optional)  |
|--|--|---|
|  <p>374.5 (L) ×166 (W) ×88 (H) mm<sup>3</sup></p> |  <p>336 (L) ×168 (W) ×133 (H) mm<sup>3</sup>, 4.6 kg</p> |  <p>280 (L) ×230 (W) ×380 (H) mm<sup>3</sup>, 18 kg</p> |